



CAIT

Center for Advanced Infrastructure & Transportation
Rutgers, The State University of New Jersey

QUARTERLY PROGRESS REPORT

Project Title:	Evaluation of Incident Management Strategies		
RFP NUMBER: N/A	NJDOT RESEARCH PROJECT MANAGER: Karl Brodtman		
TASK ORDER NUMBER/Study Number: 88-02 / 4-23934	PRINCIPAL INVESTIGATOR: Kaan Ozbay		
Study Start Date: 06/01/2000 Study End Date: 05/31/2002	Period Covered: 1 st Quarter 2002		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
First Year				
1. Review of Existing Incident management Strategies in US / NJ	20%	40%	100%	20%
2. Data Collection and Analysis	50%	10%	100%	50%
3. Determine Measures of Performance	10%	60%	100%	10%
4. Quantify MOP's Using NJ Data	20%	35%	100%	20%
Total (First Year)	100%			100%
Second Year				
5. Simulation Framework	80%	20%	%50	40%
6. B/C Analysis for Candidate Incident Management Strategies	20%	20%	30%	6%
Total (Second Year)	100%			46%
Final Report				

Note:

1. Part of Tasks 3 and Tasks 4 will be performed during the second year of this project.
2. We have added tasks for second year.
3. We have also added sub-totals for years 1 and 2.

Progress this quarter by task:

- Task 1: This task is complete.
- Task2: This task is complete.
- Task 3: This task is complete.
- Task 4: This task is complete.
- Task 5: We have already developed a simulation framework and a prototype simulation program. The program is used to simulate different IM strategies on the South Jersey network. This work is still going on
- Task 6: We are going to start working on this task towards the end of year 2. We have already collected data and information on the IM technologies, their cost, and their impact on IM operations.

2. Proposed activities for next quarter by task

- Task 5: Work on the simulation and improving it.
- Task 6: Conduct analysis of scenarios for B/C analysis.

Department of Civil and Environmental Engineering
623 Bowser Rd. Piscataway NJ 08854-8014
Tel : 732-445-0579 Fax: 732-445-0577



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3. List of deliverables provided in this quarter by task (product date)

4. Progress on Implementation and Training Activities

5. Problems/Proposed Solutions

- We are still working on getting additional data from Operations South.
- There was a delay of few months between the contract starting date and the actual starting of the work (Beginning of Fall semester) for the first year). This will create a need for a no-cost extension in the end of Year 2.

6. Budget Summary*

Total Project Budget(# of years)	2 Years	\$68,349.00
Total Project Expenditure to date		\$56,144
% of Total Project Budget Expended		82.1%
Task Order Number/Study Number:		88-02 4-23934
Current Task Order Budget (# of years)	Year 1 and 2	\$68,349.00
Actual Expenditure to date against current task order		\$56,144
% of current task order budget expended		82.1%

* These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.

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